RAW SEQUENCE LISTING

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Application Serial Number:	10/019,385
Source:	IFWP
Date Processed by STIC:	05/12/2006

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IFWP

RAW SEQUENCE LISTING DATE: 05/12/2006
PATENT APPLICATION: US/10/019,385 TIME: 10:25:57

Input Set : A:\1103326-0677.txt

Output Set: N:\CRF4\05122006\J019385.raw

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3 <110> APPLICANT: AstraZeneca AB
              Buervenich, Silvia
      6 <120> TITLE OF INVENTION: Mutated Nurr1 Gene
      8 <130> FILE REFERENCE: 1103326-0677
     10 <140> CURRENT APPLICATION NUMBER: 10/019,385
C--> 11 <141> CURRENT FILING DATE: 2001-12-28
     13 <150> PRIOR APPLICATION NUMBER: PCT/SE00/01380
     14 <151> PRIOR FILING DATE: 2000-06-29
     16 <150> PRIOR APPLICATION NUMBER: SE 9902489-5
     17 <151> PRIOR FILING DATE: 1999-06-30
     19 <160> NUMBER OF SEQ ID NOS: 23
     21 <170> SOFTWARE: PatentIn version 3.2
     23 <210> SEO ID NO: 1
     24 <211> LENGTH: 29
     25 <212> TYPE: DNA
     26 <213 > ORGANISM: artificial sequence
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     29 <223> OTHER INFORMATION: primer
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76 <220> FEATURE:	
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85 <212> TYPE: DNA	
86 <213 > ORGANISM: artificial sequence	
88 <220> FEATURE:	
89 <223 > OTHER INFORMATION: primer	
91 <400> SEQUENCE: 6	19
92 gagactggcg ttttcctct 95 <210> SEQ ID NO: 7	19
96 <211> LENGTH: 27	
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98 <213> ORGANISM: artificial sequence	
100 <220> FEATURE:	
101 <223> OTHER INFORMATION: primer	
103 <400> SEQUENCE: 7	
104 tgccgcactc cgggtcggtt tactaca	27
107 <210> SEQ ID NO: 8	
108 <211> LENGTH: 24	
109 <212> TYPE: DNA	
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113 <223> OTHER INFORMATION: primer	
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116 gccctcacag gtgcgcacgc cgta	24
119 <210> SEQ ID NO: 9	
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121 <212> TYPE: DNA	
122 <213> ORGANISM: artificial sequence	
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127 <400> SEQUENCE: 9	
128 cacgcgtctc agctgctcga cac	23
131 <210> SEQ ID NO: 10	
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133 <212> TYPE: DNA	
134 <213> ORGANISM: artificial sequence	
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140 cttctttgac catcccaaca gcca	24

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143 <210> SEQ ID NO: 11 144 <211> LENGTH: 22 145 <212> TYPE: DNA 146 <213> ORGANISM: artificial sequence 148 <220> FEATURE: 149 <223> OTHER INFORMATION: primer 151 <400> SEQUENCE: 11 22 152 cgcacagtgc aaaaaaatgc aa 155 <210> SEQ ID NO: 12 156 <211> LENGTH: 20 157 <212> TYPE: DNA 158 <213> ORGANISM: artificial sequence 160 <220> FEATURE: 161 <223> OTHER INFORMATION: primer 163 <400> SEQUENCE: 12 164 cctggaatag tccaggctgg 20 167 <210> SEQ ID NO: 13 168 <211> LENGTH: 20 169 <212> TYPE: DNA 170 <213> ORGANISM: artificial sequence 172 <220> FEATURE: 173 <223> OTHER INFORMATION: primer 175 <400> SEQUENCE: 13 20 176 tggttcgcac agacagttta 179 <210> SEO ID NO: 14 180 <211> LENGTH: 20 181 <212> TYPE: DNA 182 <213 > ORGANISM: artificial sequence 184 <220> FEATURE: 185 <223> OTHER INFORMATION: primer 187 <400> SEQUENCE: 14 188 qctaatcqaa qqacaaacaq 20 191 <210> SEQ ID NO: 15 192 <211> LENGTH: 20 193 <212> TYPE: DNA 194 <213> ORGANISM: artificial sequence 196 <220> FEATURE: 197 <223> OTHER INFORMATION: primer 199 <400> SEQUENCE: 15 200 ttccaggcga accctgacta 20 203 <210> SEQ ID NO: 16 204 <211> LENGTH: 20 205 <212> TYPE: DNA 206 <213> ORGANISM: artificial sequence 208 <220> FEATURE: 209 <223> OTHER INFORMATION: primer 211 <400> SEQUENCE: 16 20 212 accatagcca gggcagcaat 215 <210> SEQ ID NO: 17

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     229 <212> TYPE: DNA
     230 <213> ORGANISM: artificial sequence
     232 <220> FEATURE:
     233 <223> OTHER INFORMATION: primer
     235 <400> SEQUENCE: 18
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     236 attccagttc ctttgaagtg c
     239 <210> SEQ ID NO: 19
     240 <211> LENGTH: 27
     241 <212> TYPE: DNA
     242 <213> ORGANISM: Homo sapiens
     245 <220> FEATURE:
     246 <221> NAME/KEY: misc_feature
     247 <222> LOCATION: (287)..(313)
     248 <223> OTHER INFORMATION: Residues 287-313 of wild-type Nurr1 exon 3 containing
possible
              mutation sites
     249
     251 <400> SEQUENCE: 19
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     252 cagatgcaca actaccagca acacagc
     255 <210> SEQ ID NO: 20
     256 <211> LENGTH: 27
     257 <212> TYPE: DNA
     258 <213 > ORGANISM: Homo sapiens
     261 <220> FEATURE:
     262 <221> NAME/KEY: mutation
     263 <222> LOCATION: (4)..(4)
     264 <223> OTHER INFORMATION: Change in SEQ ID NO: 19 to G from wild-type A
     266 <400> SEQUENCE: 20
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     267 caggtgcaca actaccagca acacagc
     270 <210> SEQ ID NO: 21
     271 <211> LENGTH: 27
     272 <212> TYPE: DNA
     273 <213 > ORGANISM: Homo sapiens
     276 <220> FEATURE:
     277 <221> NAME/KEY: mutation
     278 <222> LOCATION: (23)..(23)
     279 <223> OTHER INFORMATION: Change in SEQ ID NO: 19 to G from wild-type A
     281 <400> SEQUENCE: 21
                                                                                 27
     282 cagatgcaca actaccagca acgcagc
     285 <210> SEQ ID NO: 22
     286 <211> LENGTH: 12
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287 <212> TYPE: DNA

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288 <213> ORGANISM: Homo sapiens
     291 <220> FEATURE:
     292 <221> NAME/KEY: misc feature
     293 <222> LOCATION: (359)..(370)
     294 <223> OTHER INFORMATION: Residues 359-370 of wild-type Nurr1 exon 3 containing
possible
     295
               mutation sites
     297 <400> SEQUENCE: 22
     298 gtttactaca ag
                                                                                12
     301 <210> SEQ ID NO: 23
     302 <211> LENGTH: 9
     303 <212> TYPE: DNA
     304 <213> ORGANISM: Homo sapiens
     307 <220> FEATURE:
     308 <221> NAME/KEY: mutation
     309 <222> LOCATION: (4)..(9)
     310 <223> OTHER INFORMATION: Deletion from SEQ ID NO: 22 of TAC codon either at positions
4-6
               or 7-9
     311
     313 <400> SEQUENCE: 23
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314 gtttacaag

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